FOIL and Factor pop quiz (version 6)

FOIL the expressions shown below:

1. $(x + 4)(x + 1)$

$$x^2 + 5x + 4$$

2. $(x - 7)(x - 6)$

$$x^2 - 13x + 42$$

3. $(x - 8)(x - 8)$

$$x^2 - 16x + 64$$

4. $(x - 7)(x - 2)$

$$x^2 - 9x + 14$$

5. $(x - 9)(x + 1)$

$$x^2 - 8x - 9$$

Factor the expressions shown below:

6. $x^2 + 16x + 63$

$(x+7)(x+9)$

7. $x^2 + 4x - 21$

$(x+7)(x-3)$

8. $x^2 - 7x - 8$

$(x-8)(x+1)$

9. $x^2 + 9x + 20$

$(x+4)(x+5)$

10. $x^2 - 3x - 28$

$(x+4)(x-7)$